

ABSTRACT

The invention provides a method for compressing a group of basic media data units, the method comprising the steps of: (a) receiving the group of basic media data units; (b) for each basic media data unit of the group performing the steps of: (b1) partially decoding the basic media data unit; (b2) determining whether to reduce the size of the basic media data unit of the received block in view of a predefined relationship between a predefined compression ratio (PCRA) and a residual ratio (RR); (b3) reducing the size of the basic media data unit, in view of the determination, such that an optimal reduction to quality degradation of the basic media data block is achieved; and (b4) partially encoding the basic media data unit.